

WHAT IS CLAIMED IS:

1. A wireless speaker system suitable for a hard-wired audio system, comprising:

a wireless transmitter module including an input for connection to a wired speaker output of a main component of the hard-wired audio system, the wireless transmitter module transmitting an output signal of a first predefined frequency carrying a first output signal of the main component and an output signal of a second predefined frequency carrying a second output signal of the main component, the first predefined frequency being different than the second predefined frequency;

a first wireless receiver module including an output for connection to a wired speaker input of a first external speaker, the first wireless receiver module receiving the first output signal on the first predefined frequency and the first external speaker responding to the first output signal; and

a second wireless receiver module including an output for connection to a wired speaker input of a second external speaker, the second wireless receiver module receiving the second output signal on the second predefined frequency and the second external speaker responding to the second output signal.

2. The system of claim 1, wherein the wireless transmitter module includes AC power source.

3. The system of claim 1, wherein the first and second wireless receiver modules include AC or DC power source.

4. The system of claim 1, wherein the wireless transmitter module includes a frequency, volume, balance, fade, tone or equalization adjustment.

5. The system of claim 4, wherein the wireless transmitter module further includes an amplifier.

6. The system of claim 1, wherein the first and second wireless receiver modules include a frequency, volume, balance, fade, tone or equalization adjustment.

7. The system of claim 1, wherein the main component of the hard-wired audio system includes left and right channels, the first output signal corresponding to the left channel and the second output signal corresponding to the right channel.

8. The system of claim 1, wherein the wireless transmitter module transmits the output signals of the first and second predefined frequencies by radio or infrared transmission.

9. The system of claim 1, wherein the main component of the hard-wired audio system includes left front and rear wired speaker outputs, right front and rear wired speaker outputs, a center wired speaker output and a subwoofer wired speaker output, the wireless transmitter module includes left front and rear inputs, right front and rear inputs, a center input and a subwoofer input, the first and second wireless receiver modules include left front and rear wireless receiver modules, right front and rear wireless receiver modules, a center wireless receiver module and a subwoofer wireless receiver module, and the external speaker includes left front and rear speakers, right front and rear speakers, a center speaker and a subwoofer speaker;

wherein the left front and rear wired speaker outputs, right front and rear wired speaker outputs, center wired speaker output and subwoofer wired speaker output of the main component are connected to the left front and rear inputs, right front and rear inputs, center input and subwoofer input of the wireless transmitter module, respectively; and

wherein outputs of the left front and rear, right front and rear, center and subwoofer wireless receiver modules are connected to wired speaker inputs of the left front and rear, right front and rear, center and subwoofer external speakers.

10. The system of claim 9, wherein the left front and rear wired speaker outputs, right front and rear wired speaker outputs, center wired speaker output and subwoofer wired speaker output of the main component generate left front and rear output signals, right front and rear output signals, center output signal and subwoofer output signals;

wherein the wireless transmitter module transmits the left front and rear output signals, right front and rear output signals, center output signal and subwoofer output signals to the left front and rear, right front and rear, center and subwoofer wireless receiver modules on different frequencies.

11. An audio system, comprising:

a hard-wired stereo component generating output signals;

a first external speaker and a second external speaker;

a wireless transmitter module including an input for connection to a wired speaker output of a main component of the hard-wired audio system, the wireless transmitter module transmitting an output signal of a first predefined frequency carrying a first output signal of the main component and an output signal of a second predefined frequency carrying a second output signal of the main component, the first predefined frequency being different than the second predefined frequency;

a first wireless receiver module including an output connected to a wired speaker input of the first external speaker, the first wireless receiver module receiving the first output signal on the first predefined frequency and the first external speaker responding to the first output signal; and

a second wireless receiver module including an output connected to a wired speaker input of the second external speaker, the second wireless receiver module receiving the second output signal on the second predefined frequency and the second external speaker responding to the second output signal.

12. The system of claim 11, wherein the wireless transmitter module has an AC power source, and wherein the first and second receiver modules have AC or DC power source.

13. The system of claim 11, wherein the wireless transmitter module transmits the output signals of the first and second predefined frequencies by radio or infrared transmission.

14. The system of claim 11, wherein the hard-wired stereo component includes a home stereo system, a surround sound home theater system, an intercom system or PA system.

15. A method for converting a hard-wired audio system to a wireless audio system, comprising:

connecting left and right inputs of a wireless transmitter module to left and right wired speaker outputs of a main component of the hard-wired audio system

connecting outputs of left and right wireless receiver modules to wired speaker inputs of left and right external speakers,

wherein the wireless transmitter module transmits left and right output signals on different frequencies carrying left and right outputs of the main component to the left and right wireless receiver modules and the left and right external speakers respond to the left and right output signals on different frequencies through the left and right wireless receiver modules, respectively.